



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 REGION 5  
 77 WEST JACKSON BOULEVARD  
 CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

LU-9J

Sent by Certified Mail # 7014 2870 0001 9579 4071 and Electronic copy

December 17, 2015

Mr. Gerald Ruopp  
 Techalloy Company, Inc.  
 6509 Olson Road  
 Union, Illinois 60180

**United State Environmental Protection Agency's Comments November 2015 Monthly Progress Report**  
**EPA ID # ILD 005 178 975, Administrative Order on Consent (AOC),**  
**Docket No. R8H-5-99-008**

Dear Mr. Ruopp,

This letter provides the United States Environmental Protection Agency (EPA) comments on the September Monthly Progress Report for the Techalloy facility in Union, Illinois prepared by Autumwood Consultants, LLC (Autumwood), dated December 7, 2015. The EPA received the report on December 15, 2015. EPA has reviewed the report and has the following comments:

Table 1 and supporting discussion. Fairly minor, but the period covered by this table (and presumably the associated discussion) is October 26-November 16, not November 2-November 16, 2015. Autumwood should correct the period where appropriate, including the table caption. Additionally, it is EPA's understanding the Kunde Road pump was pumped for 1 hour during the October 26-November 2, 2015 time frame. Correct the table and discussion.

Table 2 and associated discussion. The measured difference in water levels from November 2 through December 3, 2015 was (6.78-4.93) 1.85 ft, as Autumwood notes. However, the difference in the transducer readings was something like (23.05-25.30) 2.25 ft. These readings are off by about 0.40 ft. Autumwood needs to explicitly compare the transducer water-level measurements with the manual water-level measurements, note any discrepancy, and commit to either eliminating the discrepancy in a timely manner (this is at least the two month where the manual and transducer readings does not match). Have the transducer(s) recalibrated over the winter. Ignoring the error in the data is not consistent with good science.

A reply is required in 45-days. Should you have any questions, regarding this letter, need any additional information, or wish to discuss this matter further, please contact me at (312) 353-1243 or contact me by email to [nordine.john@epa.gov](mailto:nordine.john@epa.gov).

Sincerely,



John Nordine, CPG, LPG  
Project Manager  
Corrective Action Section 2

Cc: Karen Peaceman, U.S. EPA  
Jack Thorsen, Autumnwood ESH Consultants